

North Carolina Weather & Crops Report

Released: October 23, 2017



CROP SUMMARY FOR THE WEEK ENDING OCTOBER 22, 2017

| DAYS SUITABLE FOR FIELD WORK | | | |
|------------------------------|-----------|-----------|-------------|
| This Week | Last Week | Last Year | 5-Year Avg. |
| 6.6 | 5.5 | 5.9 | 6.1 |

| CROP PROGRESS PERCENT – WITH COMPARISONS | | | | |
|--|-----------|-----------|-----------|------------|
| | This Week | Last Week | Last Year | 5 Yr. Avg. |
| PHENOLOGICAL: | | | | |
| Cotton % Bolls Opening | 94 | 90 | 96 | 95 |
| Soybean% Dropping Leaves | 88 | 76 | 82 | 80 |
| HARVESTED: | | | | |
| Apples | 88 | 85 | 86 | 88 |
| Corn for Grain | 95 | 92 | 96 | 94 |
| Cotton | 31 | 20 | 19 | 20 |
| Hay: Third Cutting | 89 | 84 | 81 | 78 |
| Peanuts | 59 | 41 | 34 | 50 |
| Sorghum | 90 | 78 | 70 | n/a |
| Soybeans | 34 | 26 | 23 | 16 |
| Sweet Potato | 76 | 66 | 61 | 67 |
| Tobacco: Burley | 86 | 77 | 86 | 92 |
| Tobacco: Flue-cured | 97 | 94 | 98 | 97 |
| PLANTED: | | | | |
| Barley | 37 | 15 | 41 | 39 |
| Oats | 49 | 28 | 26 | 33 |
| Wheat | 24 | 14 | 14 | 15 |

Weather conditions for the week were primarily cooler and dry with only a little precipitation early in the week. Most of the county received between a trace and 0.3" of rain during the reporting period. Temperatures cooled considerably and the majority of the county receive the first killing frost as temperatures dipped into the lower 30's several mornings this week. Most crops have been harvested at this time with some grain corn and cool season vegetables left to be harvested. Christmas tree growers welcomed the cooler temperatures to help with needle retention once harvest begins in a week or two. Pastures are still holding fairly well due to the cooler temps and moisture received the previous couple weeks.

Stanley Holloway – Yancey County Extension

The fall season is upon us and much needed rain was received last week. Small grain planting has started and pasture renovation has started.

Charles Mitchell – Franklin County Extension

The period was mostly dry with rain late in the period. Approximately .25" has fallen as of Monday morning (Oct. 23) early. Light Frost in the river valleys occurred early in the period with lows in the mid-30s and highs in 60s and 70s.

Robert Hawk - Swain County Extension

Good harvest conditions continue. Hearing some good yields on cotton, peanuts, and sweet potatoes, and soybeans to this point. Not many farmers are planning to plant wheat, but current dry topsoil will limit planting.

Roy Thagard – Greene County Extension

| SOIL MOISTURE PERCENT | | | | |
|---|----|----|----|----|
| | VS | ST | A | SS |
| Topsoil Moisture | 9 | 36 | 53 | 2 |
| Subsoil Moisture | 7 | 27 | 64 | 2 |
| VS= Very Short ST = Short A = Adequate SS = Surplus | | | | |

| CROP CONDITION PERCENT | | | | | |
|------------------------|----|---|----|----|----|
| | VP | P | F | G | EX |
| Cotton | 1 | 4 | 17 | 57 | 21 |
| Pasture | 3 | 9 | 32 | 48 | 8 |
| Soybeans | 0 | 6 | 24 | 55 | 15 |

VP = Very Poor P = Poor F = Fair G = Good EX = Excellent

Romes, Granny Smith, and Pink Lady are left to harvest of the apple crop. Grain corn and soybeans are still being harvested. The county experienced the first frost event this week. Pepper and Tomato production has ended. Strawberry plants have all been planted with about 3 weeks of establishment growth.

Karen Blaedow - Henderson County Extension

Soybean harvest remains in full swing, with good yields being reported. Hay is in abundance this year, going into winter, and pastures generally look good.

Stephen Bishop – Cleveland SWCD

Pastures in bad shape cattlemen feeding hay. Corn harvest is wrapping up. Soybeans harvest is slow. Wheat planting is slow due to dry weather.

Gary Cross – Person County Extension

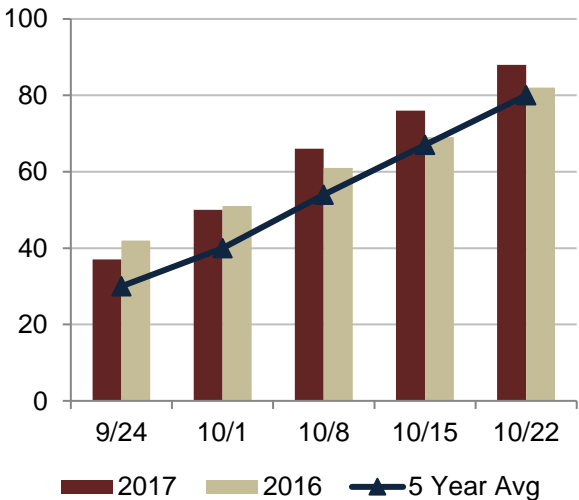
Dry weather allowed soybean harvest to continue. Cooler temps however slow drying and prevent early morning harvest. Little to no wheat has been planted.

Daniel Simpson - Pamlico County Extension

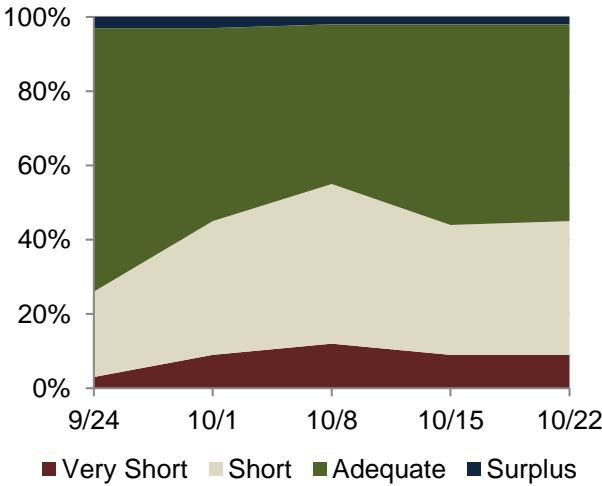
Tobacco harvest is about complete. Peanut, soybean, and cotton harvest continues. Most growers have had a good run on harvest with yields above average. Small grain planting has begun. A little rain out of the next system would be great.

Mac Malloy - Robeson County Extension

SOYBEAN PERCENT DROPPING LEAVES



TOPSOIL MOISTURE PERCENT



| WEATHER SUMMARY FOR THE WEEK ENDING OCTOBER 22, 2017* | | | | | | | | | |
|---|-------------------------------------|-----------------------|--------------|-----------------------|--------------------------|-----|------|-----------------------|-------------------|
| Location | Precipitation (Inches) ¹ | | | | Temperature (Degrees F.) | | | | |
| | This Week | | Year to Date | | This Week | | | | |
| | Total | Departure from Normal | Total | Departure from Normal | High | Low | Avg. | Departure from Normal | Degree Days (YTD) |
| ASHEBORO 2 W | 0.21 | 0.21 | 38.62 | 4.52 | 77 | 36 | 56 | -4 | 4394 |
| ASHEVILLE AP | 0.30 | -0.33 | 44.19 | 6.68 | 80 | 37 | 56 | 0 | 3762 |
| BURLINGTON ALAM | 0.12 | -0.71 | 29.38 | -8.38 | 80 | 34 | 58 | 0 | 4580 |
| CHARLOTTE | 0.97 | 0.21 | 39.60 | 5.25 | 81 | 39 | 60 | 0 | 4791 |
| CLAYTON WTP | 0.37 | -0.33 | 49.00 | 9.98 | 79 | 38 | 59 | 0 | 4464 |
| CLINTON 2 NE | 0.13 | -0.14 | 38.98 | -2.55 | 83 | 40 | 61 | 0 | 4792 |
| ELIZABETH CITY | 0.19 | -0.44 | 38.39 | -1.70 | 79 | 49 | 63 | 2 | 4868 |
| ERWIN AP | 0.19 | 0.45 | 33.38 | -3.52 | 80 | 40 | 61 | 0 | 5097 |
| FAYETTEVILLE RG | 0.00 | -0.61 | 36.87 | -1.54 | 82 | 41 | 62 | 0 | 5383 |
| GASTONIA MUNI A | 0.52 | -0.29 | 35.20 | -1.27 | 81 | 43 | 61 | 2 | 4691 |
| GOLDSBORO | 0.35 | -1.39 | 37.33 | -4.91 | 82 | 43 | 62 | 0 | 5070 |
| GREENSBORO AP | 0.14 | -0.55 | 38.41 | 3.22 | 78 | 39 | 59 | 0 | 4429 |
| GREENVILLE | 0.46 | -0.21 | 43.65 | 1.30 | 80 | 41 | 62 | 0 | 5015 |
| HICKORY FAA AP | 0.05 | -0.74 | 39.38 | 1.23 | 77 | 41 | 59 | 1 | 4310 |
| JEFFERSON | 0.30 | 0.70 | 48.46 | 7.74 | 73 | 32 | 53 | -1 | 2729 |
| KINSTON AG RSCH | 0.11 | 0.25 | 39.14 | 1.72 | 83 | 39 | 56 | -7 | 5006 |
| LAURINBURG MAXT | 0.07 | -0.48 | 29.06 | -5.88 | 82 | 39 | 60 | -1 | 5002 |
| MT AIRY 2 W | 0.41 | -0.33 | 45.78 | 7.03 | 80 | 34 | 56 | 1 | 3607 |
| N WILKESBORO | 0.20 | -0.50 | 47.48 | 6.39 | 80 | 38 | 59 | 3 | 3939 |
| NEW BERN | 0.21 | -0.46 | 43.12 | -2.00 | 81 | 50 | 64 | 1 | 5094 |
| OXFORD AG | 0.41 | -0.02 | 28.21 | -6.06 | 75 | 33 | 56 | -3 | 2052 |
| RALEIGH AP | 0.25 | -0.47 | 39.31 | 3.06 | 79 | 37 | 59 | -1 | 4832 |
| REIDSVILLE 2 NW | 0.05 | -0.72 | 39.72 | 1.16 | 79 | 38 | 58 | 1 | 4151 |
| ROANOKE RAPIDS | 0.03 | -0.69 | 36.56 | -1.54 | 83 | 42 | 62 | 3 | 4779 |
| ROBBINSVILLE AG | 0.45 | -0.25 | 50.83 | 2.00 | 77 | 37 | 56 | 0 | 3361 |
| ROCKINGHAM | 0.00 | -0.09 | 32.03 | 1.46 | 77 | 32 | 53 | -1 | 3818 |
| ROXBORO 7 ESE | 0.00 | -0.84 | 38.99 | 1.90 | 81 | 32 | 56 | 0 | 3935 |
| SOUTHERN PINES | 0.04 | -0.69 | 25.35 | -3.97 | 79 | 35 | 57 | -2 | 4858 |
| STATESVILLE 2 N | 0.04 | -0.71 | 43.07 | 6.89 | 80 | 35 | 56 | 0 | 3952 |
| TARBORO 1 S | 0.27 | -0.01 | 41.08 | 2.55 | 84 | 34 | 60 | 0 | 4669 |
| VALE AG 2 SW | 0.17 | 0.10 | 43.08 | 4.52 | 83 | 36 | 59 | -1 | 4268 |
| WALLACE 1SE | 0.15 | -0.62 | 47.87 | 1.44 | 83 | 42 | 63 | 2 | 4951 |
| WASHINGTON | 0.35 | -0.03 | 49.93 | 7.90 | 84 | 46 | 65 | 2 | 4598 |
| WAYNESVILLE 1 E | 0.66 | 0.28 | 37.15 | -1.97 | 74 | 30 | 50 | -2 | 2974 |
| WHITEVILLE 7 NW | 0.15 | -0.24 | 38.42 | -3.21 | 83 | 41 | 66 | 4 | 4821 |
| WILLIAMSTON 1 E | 0.27 | -0.54 | 44.47 | 1.90 | 83 | 44 | 62 | 2 | 4829 |
| WILMINGTON INTL | 0.26 | -0.56 | 53.03 | 3.15 | 86 | 47 | 65 | 1 | 5290 |
| WILSON 3 SW | 0.42 | 0.04 | 43.14 | 3.20 | 81 | 40 | 62 | 0 | 4816 |
| WINSTON SALEM R | 0.11 | -0.07 | 38.19 | 2.15 | 78 | 39 | 58 | 0 | 4382 |

*Effective October 15, 2017 the weather data source has been changed. The basic format of the data tables has not changed, but the data content will be based on newer historical datasets used for average calculations and changes in methodology subroutines for missing data.

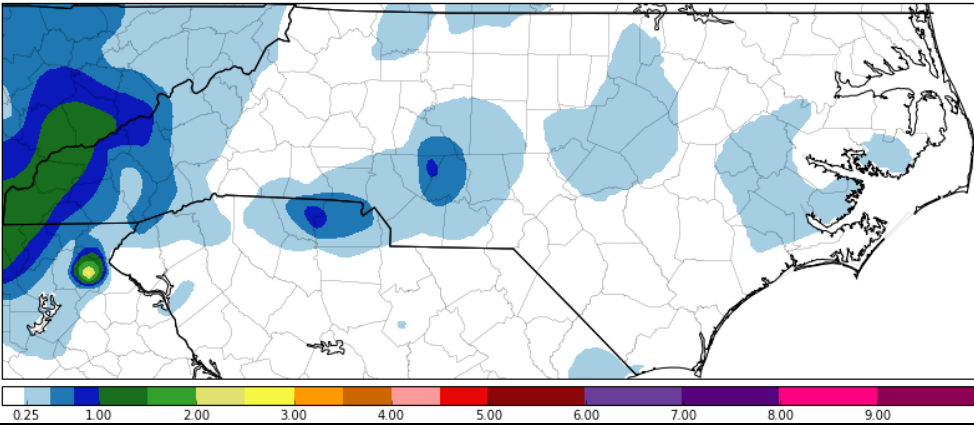
¹Precipitation (rain or melted snow/ice) NOAA Regional Climate Centers data.

PRECIPITATION SUMMARY

North Carolina Region

Precipitation Accumulation (inches)
2017-10-16 - 2017-10-22

Map depicts accumulations through dates listed. This product is made possible by Clear Science, Inc.



US DROUGHT MONITOR OF NORTH CAROLINA

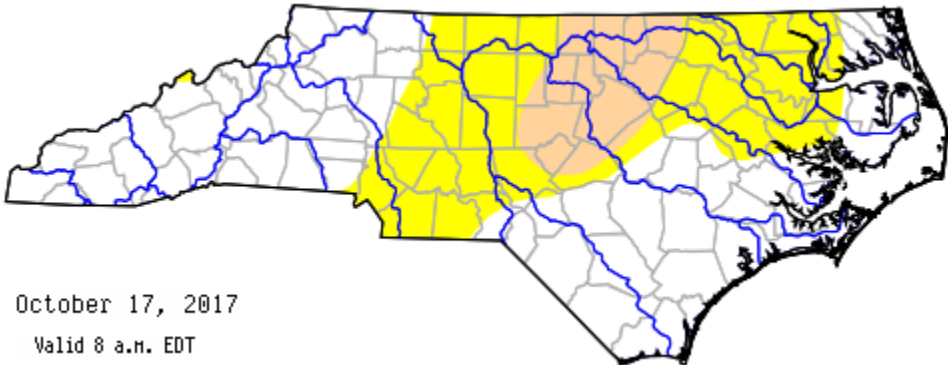
<http://www.ncdrought.org/>

The US drought monitor focuses on broad scale conditions. Information provided for North Carolina is relative to information provided from all other states and the North Carolina Drought Management Advisory Council. Local conditions may vary.

Drought Classifications

- D0 - Abnormally Dry
- D1 - Moderate Drought
- D2 - Severe Drought
- D3 - Extreme Drought
- D4 - Exceptional Drought

October 17, 2017
Valid 8 a.m. EDT



County Boundaries Major River Basins ([View Map](#))
S = Short-Term, typically <6 months (e.g. agriculture, grasslands)
L = Long-Term, typically >6 months (e.g. hydrology, ecology)